Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No: 3rd & Final Bill Date.....2018

Division: **Project** Sub-Division: **Project**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Work Code: ***001-17-000066 & 002-17-000060***

Schedule Docket No. Head of Account: **P3158 (SIP Grant)** Est.Cost: **170.00 lakhs**

Name of Work: "Package-6 a) Providing and fixing furniture and interior works to Mini Vidhana Soudha at Yelahanka in Ward No.01 b) Construction of Additional Floor over existing Samudhaya Bhavana Near Venugopal Swamy Temple in Ward No.02

Name of Contractor and Full Address: **Sri D.K.Nagaraj, (Prop of DKN & Associates)**

Reference to Agreement No.EE/Project/AG No /**13/2018-19 Date:07-08-2018**

Reference to Work Order No.EE(Project)/W.O/**13/2018-19 Date:07-08-2018**

Certified that the measurements were taken by me on 18.02.19 and recorded of Pages 17845 to 17885 of measurement Book No.**04/2017-18** and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on ..18..2..19.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of Payments cost store or other material supplied. Now made recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Total: 1,83,40160-00 3rd & Part Bill Rs: 1595506 3-00 4th & Final Rs: 2385097-00
5)	Balance beingunpaid value of work done held in reserve.	IT - 23851-00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	Cess - 23851-00 CBT - 2385-00 LR - 2862-00
7)	Net amount due to or from Contractor	unadjustments items.
8)	Advance to Contractor for materials brought to site (as detailed) within.	CGST - 21296-00 SGST - 21296-00
9)	Value of Government materials supplied.	Adjust 95541-00
	Total amount adjusted -	Rs: 2289556-00

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Audited & Admitted for Rs.....

Rs: 2385097-00

(For use in the Office)

Rs: 2289556- by Cheque

and Rs. 95541-00 w Adjustment

Witness

1.

2.

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Accts. Supdt. Project Division B.B.M.P.

Exe. Engineer Project Division B.B.M.P

Executive Engineer

01/03.

SNo	Item Name	Unit	Estimate Quantity							
				Qty	Cost	Qty	Rate	Cost	Qty	
1	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications	sqm	3717.46	3717.46	~~393857.73~~ 393864	0.00	105.95	0.00	3717.46	~~393857.73~~ 393864
2	Providing and applying Enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications	sqm	794.51	238.83	23054.36	555.68				23054
	Quantity upto 125%		401.65			162.82	96.53	15717.08	401.65	38771.44
	Quantity above 125%		392.86			392.86	96.53	37922.93	392.86	37922.93
3	STRAIGHT WORKSTATION (Frame): Providing and fixing STRAIGHT WORKSTATION (Frame) consisting of back to back unit made out of 75 mm thick MS CRCA powder coated, tile based system for main and return spine, Top tile finish 8 mm thick MDF covered with Fabric of approved colour and one writing board (600 mm w) and one soft board (600 mmw) per workstation,Bottom tile finish 9 mm thick Laminate tile of approved colour, Raceway- one middle raceway (600mmW) below table top per workstation and continous raceway at the skirting level, Wire manager- ABS plastic grommet one number per table,Table top - 25 mm thick PLPB with straight table top End Table 25 mm thick PLPB with straightedge bound Hardware-MS powder coated corner bkt,cantilever bkt,separator hook on bkt, L bkt and Table joint plate.,including keyboard tray as per specifications , drawings and as directed by Engineer in charge (P.No. 317, I.No. 39.15.2 of PWD SR 2015-16)Non Sharing workstation 2C) Size : 1200 mmW x 600mm D x 1200 mm ht (Non Sharing-Edgebinding table top): single unit	No	50.00	50.00	945291.60	0.00	18905.83	0.00	50.00	945291.60
4	Mobile pedestal unit- METAL: Providing and fixing 450mmw X 450 mmd X 685 mmht) Mobile pedestal unit- Metal with MS CRCA sheet powder coated for body, Two equal drawer and one filing drawer with centralized locking system, Telescopic channels, castors, Handles and lock etc., complete as per specifications, drawings and as directed by Engineer in charge(.p no. item no.39.26)	No.	60.00	60.00	494424.00	0.00	8240.40	0.00	60.00	494424.00
5	Providing executive revolving chairs with STEEL BASE as per approved sample complete inclusive of all taxes as per direction of engineer in charge	no	60.00	60.00	633072.00	0.00	10551.20	0.00	60.00	633072.00
6	Providing arm chairs with cushion seat and back with rubber wood as per approved sample inclusive of all taxes & labour charges etc., complete	NO	150.00	120.00	636505.50	30.00	5304.21	159126.38	150.00	795631.88

			Estimate Quantity	Qty	Cost	Qty	Rate	Cost	Qty	Cost
7	FREE STANDING TABLE FOR CABIN : WITHOUT FRAMES Providing and fixing Free Standing Table for Cabin- without frames consisting of 25 mm thick PLPB table top , 25 mm thick PLPB with edge bonded End table,18 mm thick PLPB with edge bonded Modesty, Wire manager -ABS plastic grommet one number per table Hardware-Minifix assembly and screw leg., as per specifications, drawings and as directed by Engineer in charge(Page No. , Item No.39.18.2)1500 mmW x 600mm D x 750 mm ht (Edgebinding table top)	NO	15.00	15.00	155390.40	0.00	10359.36	0.00	15.00	155390.40
8	Providing and fixing conference table consisting of 25 mm thick PLPB table top edge bounded, 25 mm thick PLPB with edge bonded End table,18 mm thick PLPB with edge bonded Modesty, Hardware-Minifix assembly and screw leg., as per specifications, drawings and as directed by Engineer in charge 4800 mmX 2400mm X 750 mm Ht (20 seater) - U shaped with a top width of 600 mm.	RMT	12.50	10.00	841698.00	2.50	84169.80	210424.50	12.50	1052122.50
9	FREE STANDING TABLE FOR CABIN - WITHOUT FRAMES Providing and fixing Free Standing Table for Cabin- without frames consisting of 25 mm thick PLPB table top , 25 mm thick PLPB with edge bomded End table,18 mm thick PLPB with edge bonded Modesty, Wire manager -ABS plastic grommet one number per table Hardware-Minifix assembly and screw leg., as per specifications, drawings and as directed by Engineer in charge(Page No. 6, item No. 2.10)Main Table : 1500 mmW x 750mm D x 750 mm ht (Edgebinding table topSide Table : 900 mm W x 450mm D X 750 mm ht.	NO	10.00	10.00	157744.80	0.00	15774.48	0.00	10.00	157744.80
10	Supplying steel Almirah with shelves & locker 6.6feet 18/20 gaugeof size 78" x 36"x 19" etc. including of all taxes as per approved by engineer in charge	NO	10.00	10.00	131045.25	0.00	13104.53	0.00	10.00	131045.25
11	Providing stainless steel visitor chairs (perforated) three seaters inclusive of all taxes & labour charges etc., complete	NO	10.00	10.00	162137.50	0.00	16213.75	0.00	10.00	162137.50
12	Providing & fixing table glass with machine grinding of 10 mm thick inclusive of taxes etc., complete as per the direction of engineer in charge	Sqm	11.25	0.00	0.00	11.25	2725.00	30656.25	11.25	30656.25
13	Providing & fixing name board made up of acrylic sheet various of size of thickness 4mm as per the direction of engineer in charge	NO	0.00	0.00	0.00	0.00	1635.00	0.00	0.00	0.00
14	Supplying and installation of rubber mat 1mtX2mt-10mm thick (P 351, I 40.133)	Sqm	18.00	0.00	0.00	17.16	1867.50	32046.25	17.16	32046.25

				Payment Measurement		Payment Measurement			Total Upto Date		
	Item Name	Unit	Market Rate Inclusive of GST	Qty	Cost	Qty	Rate	Cost	Qty	Cost
15	Providing and fixing 100mm wide venitian blinds of woodtex fashion fabric of taiwan make, with 50mm thick powder coated channel with balance, imported, acrylic self alignable mechanism and equally placed spacers, imported tiltting mechanism for easy tilting operation, with nylon imported thread and beadings, 100mm wide imported washable reusable fabric placed with top hanger and bottom with 100mm long bottom plate connected to nylon imported bottom link chain. The rate is inclusive of drilling holes for fixing channels to the wall, fixing threads and beadings and link chains, hard ware fixtures etc., complete as per drawing, specifications.	Sqm	146.24	108	120780.72	38.24				120781-
	Quantity upto 125%			135.00		27.01	1118.34	30195-	135.00	150987.08
	Quantity above 125%			11.24		11.23	1118.34	~~12564.33~~ 12570-	11.23	12564.33
16	Providing, fabricating, assembling and fixing in position anodized aluminium partitions using section in combination of plain, single grove and double grove as per requirements for the frames of overall size 101.6mm x 44.45mm, 3.18mm. thick having section weight, plain sections 2.40kg/m single grove section 2.541kg/m. and double grove section 2.683 kg/m and bottom member 114.3mm x 44.45mm 3.18mm thick weight 2.646 kg/m; aluminium louvers of size 77.6mm x27.6mm 1.7mm. thick section weight 0.483 kg/m; bottom portions provided with 12mm. thick prelaminated sheet both side of approved colour lamination exterior grade; aluminium sections of mat finish or glossy finish using section, spacing of vertical members all not exceed 0.6m. c to c; sections are cut to the reqired lengths, joints mitered and corners grinded subdividing frames tennoned and riveted to the frames, the assembled frame should be stiffened with corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C columns or masonry on sides, R.C.C. lintels or beams at top and floor at bottom, including cutting chistling and making good with cement mortar to match the surface, providing and fixing bottom panel filled with the materials to a height of 0.9m. from floor level; and 5.5mm. thick plain glass for middle portion viz., 0.9m. to 2.13m. and top panel with lower section, the glass and panels fitted with glazing clips of 19mmx17.3mm. with thickness of 0.9mm. weight 0.124kg/m; aluminium sections anodized 12 to 15 microns, sections pre treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherence of mortars or any other sticky materials; vertical members embedded in the flooring by making suitable sized holes and fixing with cement mortar, with necessary opening for fixing of doors of standard size (excluding cost of door opening) All the frame should be thoroughly cleaned free from rust, scale or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications	Sqm	64.12	64.12	357105 ~~357080.03~~	0.00	5569.33	0.00	64.12	357105. ~~357080.03~~

			Estimate Quantity	Qty	Cost	Qty	Rate	Cost	Qty	Cost
17	Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred cornersgrinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the assembled frame fitted with the corner angles, strips and fitted with screws, rawl plugs or teakwood gutties to R.C.C. columns or masonry on sides. beams and flooring in bottom. including cutting, chistling and making good with cement mortar to match the surface; all the frames throughly cleaned free from rust, scale, or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications.	SQM	8.40	5.48	40132.02	2.92				40132-
	Quantity upto 125%		6.85			1.37	7323.36	10033.00	6.85	50165.02
	Quantity above 125%		1.55			1.55	7323.36	11351.21	1.55	11351.21
18	Providing and laying of world class mineral acoustic ceiling panels of as per the following specification :- Tile of approved make mineral acoustic ceiling panels of sze 595x595 - 12mm thick suitable for use in arrears upto 40 c and RH70UR as per manufacturer. Tile have 15 min fire retardant and does mot contain asbestos/urea formaldehyde, Technical details of new - thermal conductivity non-dosposable, Light Reflection 80% fire resistance Non-resistance Non-disposable. Mineral fiber ceiling panels are placed inside the grid work.	SQM	252.88	252.88	806740- ~~806751.98~~	0.00	3190.21	0.00	252.88	806740- ~~806751.98~~
19	Providing and fixing veneer paneling over the 50mm x 35mm sal wood frame work and top covered out of 4mm thick approved veneer fixed over 12mm ply finished in mealamme polish, complete including cost and conveyance of all materials, labour for all items of work HOM of equipment etc., complete as per specification	SQM	115.81	73.18	334860.66	42.61		83807-		334861-
	Quantity upto 125%		91.50			18.32	4574.60	~~83820.38~~	91.50	418681.04
	Quantity above 125%		24.31			24.29	4574.60	~~111110.15~~	24.29	111110.15
								1.11.117-		

20	Manufacturing, supplying and fixing wooden ward robe of 0.60m deep using 19mm thick vinyl bonded water proof block board, shutters allround ward robe, lockable drawers with sliding channels, cupboard drapery hangers, curtain rods with end brackets, openable shutters with 19mm x 6mm thick plain teak wood beading, lipping 1.5mm thick commercial ply vertical support finished in approved 1.5mm lamination sheet of approved colour, shade and quality on all exposed surfaces. Inner surface painted with 2 coats of white synthetic enamel paint over 2 coats of Patti, one coat of wood primer, including cost of brass fittings, parliamentary hinges, C handles, tower bolts, magnetic catches, approved brand lock, adhesives, synthetic resins, nails, screws etc., complete including cost of all materials, labour charges, complete as per specification.	SQM	100.24	67.24	989408.64	33.00	14715.00	485521.43	100.24	1474930.07
21	Providing and fixing to STEEL SLOTTED ANGLES RACK with 5 racks of size72"x36"x15" inclusive of all taxes and transportation charges	no	0.00	0.00	0.00	0.00	4181.24	0.00	0.00	0.00
22	Cleaning of office floors, toilet floors, corridors, lobbies, partitions, storage unite, furnitures,	sqm	1500.00	0.00	0.00	240.00	1.16	277.30	240.00	277.30
23	Providing Executive Netted Revolving Chair with high back with adjustable handle,adjustable head rest with steel chromium base as per approved sample inclusive of all taxes and transportation charges	no	8.00	8.00	194695.80	0.00	24336.98	0.00	8.00	194695.80
24	Supplying steel filling cabinet with 4 drawers of size 1200 x 450 x 685 mm as per approved sample including all taxes & transportation charges.	NO	0.00	0.00	0.00	0.00	15350.47	0.00	0.00	0.00
25	Providing and fixing 1500x450 mm dia rectangular shape mirror with plastic molded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specification.	NO	6.00	0.00	0.00	6.00	1398.47	8390.82	6.00	8390.82
26	Supplying, installing & Commissioning of Water Purifier with RO, Semi automatic, permeate flow, rate @ 200 LPH, & Concentrate flow rate @ 800 LPH etc., complete as per the technical specification appended with the estimate with necessary fixtures & spare parts of approved make & brand etc.,complete as per the direction of engineer in charge	unit	1.00	1.00	196706.85	0.00	196706.85	0.00	1.00	196706.85
27	Providing & fixing chorinated poly venyl chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass treaded fittings including fixing the pipe with clamp at 1.00 mtr spacing this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete (internal work exposed on wall) 40 mm dia	NO	60.00	0.00	0.00	60.00	311.96	18717.48	60.00	18717.48
28	Providing & fixing chorinated poly venyl chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass treaded fittings including fixing the pipe with clamp at 1.00 mtr spacing this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete (internal work exposed on wall) 25 mm dia	NO	20.00	0.00	0.00	20.00	161.76	3235.12	20.00	3235.12

28	Providing & fixing chorinated poly venyl chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass treaded fittings including fixing the pipe with clamp at 1.00 mtr spacing this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete (internal work exposed on wall) 25 mm dia	NO	20.00	0.00	0.00	20.00	161.76	3235.12	20.00	3235.12
29	Providing & fixing chorinated poly venyl chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass treaded fittings including fixing the pipe with clamp at 1.00 mtr spacing this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete (internal work exposed on wall) 20mm dia	NO	0.00	0.00	0.00	0.00	127.09	0.00	0.00	0.00
30	Providing and fixing to wall, ceiling and floor, unplasticised PVC pipes 6.00 kgf/sq.cm working pressure 25mm outside diameter chemp plast/waving or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications	NO	0.00	0.00	0.00	0.00	82.38	0.00	0.00	0.00
31	Providing & fixing to wall ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 50mm outside diameter with special flange, compression type fittings, wall clips, making good the wall ceiling and floor, including cost of all materials, labour charges HOM of equipments and testing complete as per specification 50 mm	NO	0.00	0.00	0.00	0.00	303.87	0.00	0.00	0.00
32	Providing and fixing CI nahani trap of approved make conforiming to ISI specifications and construction of cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and coveyance of materials to work spot) 12.5 cms x 7.5 cms	NO	0.00	0.00	0.00	0.00	311.96	0.00	0.00	0.00
33	Providing & fixing water dispenser inclusive of all taxes and transportation	NO	0.00	0.00	0.00	0.00	5068.50	0.00	0.00	0.00
34	Providing and placing on terrace, polyethylene water storage tank white colour and ISI food grade for collection of purified water of approved make and brancd with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.	ltr	2000.00	0.00	0.00	2000.00	9.81	19620.00	2000.00	19620.00
35	Providing and fixing stainless steel bowl / sink of size 400x470mm bowl depth 180mm, with / without drain board, M.S / C.I brackets, stainless steel plug 40 mm, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications	NO	0.00	0.00	0.00	0.00	5289.42	0.00	0.00	0.00

36	Making connection of G.I distribution branch with G.I main of 25 to 40mm. nominal bore, including cutting and threading the pipes, providing and fixing Tee, nuts, labour for all item of works, testing and HOM of equipments complete as per specification.	NO	0.00	0.00	0.00	0.00	285.36	0.00	0.00	0.00
37	Supplying customised sofa set of size 84"x33"x21" of L shap corner 5 seater and one number of two seater made up of contemporary design with teak wood and design cushion made up of 32 density and 28 density for seat and back resprectively and with required thickness and approved upholstery made of approved quality and colour etc., complete	NO	3.00	3.00	228900.00	0.00	76300.00	0.00	3.00	228900.00
38	Supplying recliner type of sofa one number of single seater made up of contemporary design with teak wood and design cushion made up of 32 density and 28 denisty for seat and back respectively and with required thickness and approved upholstery made of approved quality and colour etc., complte	NO	3.00	3.00	57225.00	0.00	19075.00	0.00	3.00	57225.00
39	Supplying teak wood teapoy with 8mm glass top of circular / rectangle as per approved sample of size 1.2.m x 0.60m x 0.45m inclusive of all taxes and transportation	NO	3.00	3.00	29430.00	0.00	9810.00	0.00	3.00	29430.00
40	Supplying box type suitable for 28W T5 single / twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp holders & main connectors. Channel cover shall be made of CRCA MS Sheet and finishing is done with stove enameled white with end caps made of engineering plastic1x4'-28 Watts.	EACH	98.00	48.00	51796.80	50.00				51797-
	Quantity upto 125%		60.00			12.00	1079.10	12949.20	60.00	64746.00
	Quantity above 125%		38.00			38.00	1079.10	41005.80	38.00	41005.80
41	Supply of recess mounted rolling type LED square or round Down light 12 watts with 4/6W GU 10 LED Lamp Rib Fabricated from Die cast aluminum with white powder coated prewired to mains connector with suitable driver & having swiveling unit of aluminum die cast eye ball & LED Lamp position retained by circular wire spring. 5 years Warranty against any manufacturing defect working under standard electrical condition.	EACH	32.00	32.00	65155.84	0.00	2036.12	0.00	32.00	65155.84
42	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete. 12" Sweep (300mm).	No	0.00	0.00	0.00	0.00	3982.86	0.00	0.00	0.00
43	12" Sweep (450mm).	No	0.00	0.00	0.00	0.00	4789.46	0.00	0.00	0.00
44	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 48" Sweep (1200mm).	NO	20.00	17.00	35207.00	3.00	2071.00	6213.00	20.00	41420.00

			Estimate Quantity	Qty	Cost	Qty	Rate	Cost	Qty	Cost
45	Supplying of...1ft split Air conditioners suitable for operation on AC supply single phase 50 Hz 230 Volts with hermetically sealed compressor with air cooled condenser, motor capacitor and start run capacitors, relay and over load protector internal unit, with one indoor and one outdoor unit. The condenser unit will be placed outside the room on the terrace to avoid noise including standard length of suitable size copper tubing covered with insulation tube.(High wall chorded/cordless) suitable capacity 3 core sheathed/ PVC copper cable and a battery operated wireless remote unit. 3star 1.5 ton capacity.	NO	8.00	5.00	252923.60	3.00				252924-
	Quantity upto 125%		6.00			1.00	50584.72	50584.72	6.00	303508.32
	Quantity above 125%		2.00			2.00	50584.72	101169.44	2.00	101169.44
46	Supply of 2'x2' LED recessed luminaire with ...Watts system wattage. Housing shall be with pressure die cast aluminum alloy with corrosion proof resistant polyester power coated. Driver operates with voltage range from 100V to 270V 50/60 Hz with short circuit, overload & mis-wiring protection. Lumen Maintenance of 70% at 50000 Hrs. Injection moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction temperature shall be < 70 degree Celsius. Driver is on constant current driver @ 0.06A with PF > 0.92 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens with < 80mm depth. 5 years Warranty against any manufacturing defect working under standard electrical condition(ITEM NO.4.33.3LED modular down light 2'x2'-55 watts	NO	34.00	20.00	202151.40	14.00				202151-
	Quantity upto 125%		25.00			5.00	10107.57	50537.85	25.00	252689.25
	Quantity above 125%		9.00			9.00	10107.57	90968.13	9.00	90968.13
47	Supply and installation of 8 channel DVR for bullet camera of make CP PLUS inclusive all taxes transportation charges	NO	2.00	0.00	0.00	2.00	10982.84	21965.68	2.00	21965.68
48	Supply and installation of DOME camera of make CP PLUS inclusive all taxes transportation charges	NO	8.00	0.00	0.00	8.00	4243.37	33946.96	8.00	33946.96
49	Supply and installation of bullet camera of make CP PLUS inclusive all taxes transportation charges)	NO	8.00	0.00	0.00	8.00	4866.85	38934.80	8.00	38934.80
50	Supply and installation of UPS system of make teachser inclusive all taxes transportation charges	NO	1.00	0.00	0.00	1.00	4485.35	4485.35	1.00	4485.35
51	Supply and installation of 2TB HARD DISK of makeSeagate inclusive all taxes transportation charges	NO	1.00	0.00	0.00	1.00	12649.45	12649.45	1.00	12649.45
52	Supply and installation of rack case for DVR with cooling fan inclusive all taxes transportation charges	NO	1.00	0.00	0.00	1.00	3335.40	3335.40	1.00	3335.40
53	Supplying and fixing Networking and Lanning complete inclusive of all taxes and transportation charges as per direction of engineer in charge305 MTR CAT 6	NO	4.00	0.00	0.00	4.00	7848.00	31392.00	4.00	31392.00
54	1 MTR CAT 6	NO	50.00	0.00	0.00	50.00	130.80	6540.00	50.00	6540.00
55	2 MTR CAT 6	NO	50.00	0.00	0.00	50.00	185.30	9265.00	50.00	9265.00
56	CAT 6 AIO	NO	50.00	0.00	0.00	50.00	130.80	6540.00	50.00	6540.00
57	BACK BOX	NO	50.00	0.00	0.00	50.00	54.50	2725.00	50.00	2725.00

58	FACE PLATE	NO	60.00	0.00	0.00	60.00	109.00	6450.00	60.00	6450.00
59	CAT 8 FULLY LOADED	NO	3.00	0.00	0.00	3.00	6540.00	19620.00	3.00	19620.00
60	18 U WALL MOUNT	NO	1.00	0.00	0.00	1.00	6540.00	6540.00	1.00	6540.00
61	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mmand down size graded granite metal coarse aggregates @0.47 cum with superplastisiser @3lts confirming toIS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thick ness) including attached plasters,columns,pillars,posts,struts.butters,string or lacing courses,parapets,coping,bed blocks,anchor blocks,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. Second Floor	Cum	13.24	9.88	75177.90	3.36	7612.95	25580- 25609.97	13.24	100758- 100787.88
62	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar,with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete for beams,staircase,and roof with M-25. Second Floor	Cum	24.01	24.01	171424.63	0.00	7139.72	0.00	24.01	171424.63
63	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Second floor	Sqm	74.00	61.60	27265.84	0.00	442.63	0.00	61.60	27265.84
64	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness 200 mm including cost of all materials, labour complete as per specificaiton. Second floor	Sqm	91.48	91.48	34783.95	0.00	380.24	0.00	91.48	34783.95
65	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Second floor	Sqm	96.62	23.58	7383.73	24.93				7384-
	Quantity upto 125%		29.48			5.90	313.14	1847.50	29.48	9231.23
	Quantity above 125%		67.14			19.03	313.14	5958.96	19.03	5958.96
66	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton. Second floor	Sqm	0.00	0.00	0.00	0.00	329.62	0.00	0.00	0.00
67	Providing and laying in Mat for RCC roof at below the steel for avoiding concrete cement slurry as per the requirement of Engineer incharge.Second floor roof Slab and Stair case	Sqm	84.19	84.19	5965.14	0.00	70.85	0.00	84.19	5965.14

68	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Second floor	Sqm	0.00	0.00	0.00	0.00	616.85	0.00	0.00	0.00
69	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.First floor	MT	5.19	3.81	275823.16	1.38				275823-
	Quantity upto 125%		4.76			0.96	72394.53	69499- 69136.78	4.76	69499- 344959.94
	Quantity above 125%		0.43			0.43	72394.53	30880.77	0.43	30880.77
70	Providing and constructing precast concrete solid blocks with compressive strength not less than 35 N/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Ground floor	Sqm	48.19	48.2	53149.81	0.00	1103.04	30406- 0.00	48.19	30406- 53149.81
71	Providing and constructing precast concrete solid blocks with compressive strength not less than 35 N/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. 2nd Floor	Sqm	237.19	143.8	168750.04	93.39				
	Quantity upto 125%		179.75			35.97	1173.67	42216.85	179.75	210966.89
	Quantity above 125%		57.44			57.42	1173.67	67396.73	57.42	67396.73
72	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 N/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x15x20cms . (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Ground floor	Sqm	40.45	32.36	31656.27	8.09	978.25	67392- 7914.07	40.45	67392 39570.34
73	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 N/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x15x20cms . (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.First floor	Sqm	55.23	55.23	55981.45	0.00	1013.57	0.00	55.23	55981.45

74	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Ground Floor	Sqm	552.71	552.71	143792.40	0.00	260.16	0.00	552.71	143792.40
75	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications First Floor	Sqm	429.91	389.50	103625.12	40.40	266.05	10748- ~~10749.64~~	429.91	~~114374~~ 114374.76
76	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Second Floor	Sqm	195.04	195.04	53038.53	0.00	271.93	0.00	195.04	53038.53
77	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	912.51	802.44	182314.05	110.07	227.20	25007.41	912.51	207321.45
78	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty.Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grades sand paper,including cost of materials, labour, curing complete as per specifications	Sqm	2017.93	1955.06	128883.81	62.87	65.92	4144.72	2017.93	133028.53
79	Providing 20 mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Ground Floor	Sqm	269.50	269.50	74236.39	0.00	275.46	0.00	269.50	74236.39
80	Providing 20 mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications First Floor	Sqm	372.17	372.17	106900.63	0.00	287.24	0.00	372.17	106900.63
81	Providing 20 mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Second Floor	Sqm	516.20	516.20	154348.46	0.00	299.01	0.00	516.20	154348.46